

ABSTRACT

The presence area information of the moving portable communication terminals accompanied by a moving object is changed according to the scheduled path of the moving object and the scheduled time in the movement of the moving object by using a presence area unit which stores the presence area information indicating the presence area of each portable communication terminal and a moving schedule storage unit which stores the scheduled path information indicating the scheduled path of the moving object (a train, etc.) accompanied by at least one portable communication terminal and the scheduled time information indicating the scheduled time of the movement of the moving object.